Zeynal Kara
Software Engineer

Address: Ankara / Turkey
Email: kr.zeynal@gmail.com
Website: zeynal-kara.github.io

Phone: +90 546 490 5028
Birthday: May 5th, 1998
LinkedIn: linkedin.com/in/zeynal-kara
GitHub: github.com/zeynal-kara

Professional Profile

A Software Engineer with extensive experience in various projects and a background in Software Engineering. Known for innovation and entrepreneurial focus, with expertise in managing large-scale user bases and developing comprehensive software solutions. Recognized for strong professional communication skills and problem-solving abilities, always open to continuous learning and self-improvement.
Excited to apply for the position and join your team.

Experience

Assa Digital & Creative   *Van Teknokent / Turkey*
Full Stack Developer   *01/2023 – 11/2023*

A document management application was developed for thousands of files in PDF Word and Image formats. A text search feature within documents was developed. Files in image format were made suitable for text-based search using the OCR method.

- Technologies such as MySQL, PHP and Laravel were used; the system can process over 10,000 documents annually, achieving a 60% increase in access speed.
- A Python script integrated with Tesseract was developed; over 10,000 image documents were processed and digitized, saving 75% of manual entry time.
- Elasticsearch was used to index text in over 20,000 documents on a word basis, reducing search query time by 60%, and an API capable of handling over 100,000 search requests per day was developed.

Karawane Web Solution   *Konya / Turkey*
Full Stack Developer   *07/2021 – 06/2022*

An offline zoom-capable world map was developed. A Windows Form Application was created using C# to plot signals on the map.

- Over 5,000 visual data points were downloaded from maps and converted into an offline usable format using custom algorithms.
- The program was optimized to filter and plot over 1,000 signals per run on the map, resulting in an 85% reduction in processing time for the team.
- A database was designed and implemented using MSSQL. A local Windows Server was configured to enable collaboration for a team of 10 people.

Anatolia Defence Industry *Van Teknokent / Turkey*
Software Engineer *11/2020 – 07/2021*

- A Learning Management System (LMS) capable of supporting 30,000 users was developed. Two separate administration panels were created for two different user groups, and over 40 modular functions were coded. A database with 35 tables was designed and implemented using PHP, MySQL and Laravel technologies.
- Managed a team of 6 to collect and analyze data on 60,000 vehicles from a car sales website using Python and Selenium, overcoming security measures such as IP and VPN restrictions.

NaylaLabs *Samsun / Turkey*
Intern – Software Engineer *10/2020 – 11/2020*

- An Android mobile application was developed using Java. The designed interfaces were coded with consideration for different screen ratios.

Bilims Energy and Technologies Inc. *Manisa / Turkey*
Intern – Embeded Software Engineer *06/2019 – 07/2019*

- Custom algorithms were written in C to determine the location of a mobile device in motion within a closed environment.

Education

07/2024 – Present	**Certificate – Java Spring Boot** *Techcareer - techcareer.com*
07/2024 – Present	**Certificate – Java SE** *Techcareer – techcareer.com*
03/2024 – Present	**Certificate – Computer Science** *Harvard University* *edX – edX.com*
06/2016 – 07/2020	**Bachelor Degree – Software Engineering** *Celal Bayar University* *Manisa / Turkey*

Additional

<u>Language</u>	**English** – B1, **German**– A1	
<u>IT Skills</u>	Advanced	**OOP, Data Structure, Algorithm, SOLID, MVC, MVVM, Java, Php, C, C#, Python, Javascript, API, Micro Services, SDLC, Agile,Scrum MSSQL, MySQL, NoSQL**
	Intermadiate	**HTML, Css, Bootstrap, Vuejs, Git, GitHub, Spring Framework**
	Basic	**Machine Learning, Deep Learning, Cybersecurity, Reverse Engineering**
<u>Reference</u>	Prof. Deniz Kılınç	**deniz.kilinc@cbu.edu.tr**